Weather Cookbook

Written and Illustrated by Meteorologist Taylor Rovin

Published at the Rovin Publishing Company
Marquette, Michigan
Table of Contents

Cloud Recipe ........................................ 1
Rainbow Recipe ...................................... 2
Thunderstorm Recipe ............................... 3
Blizzard Recipe ...................................... 4
Global Recipe ........................................ 5
Cloud Recipe

Ingredients:
- Water
- Air
- Cold Temperature
- Low Air Pressure
- Dust

First, let the water evaporate into the air. Then let the air rise! As the air rises, add cold temperature and low air pressure. This will make the water in the air cling to tiny pieces of dust and form cloud droplets. Add these droplets to billions of other cloud droplets and you've got yourself a cloud!
Rainbow Recipe

Ingredients:
- Raindrops
- Air
- Light

First, let your raindrops fall gently through the air. While the drops are falling, or right after, let white sunlight shine into your raindrops. When the light enters the raindrop, it will break up into the colors that make up white light—red, orange, yellow, green, blue, indigo and violet. The light will bounce back (reflect) and bend (refract) to make beautiful colors in the sky.

Enjoy!
Thunderstorm Recipe

Ingredients:
- Sunlight and Earth
- Warm air with moisture
- Cold air

Start by letting the sunlight warm the Earth and the air close to the ground. Then force the warm air up by squeezing cold air under it. As the warm air rises it will become unstable, meaning that it will stay warmer than the air around it, so it keeps going up and up and up!

Then let the air cool, and it will turn into a cumulonimbus cloud, and produce rain, thunder and lightning!
Blizzard Recipe

Ingredients:
- Cold air (below freezing!)
- Warm air with moisture
- Strong winds

Begin creating your blizzard by bringing together the warm air and the cold air. Let the cold air push the warm air up! When the warm air rises it will cool, making the water vapor in the air turn to snowflakes. As the snow begins to fall, add some strong winds and you've got yourself a blizzard!
Global Warming Recipe

Ingredients:
Carbon dioxide
Air pollutants

Make carbon dioxide by wasting electricity from coal-burning power plants. Leave your lights and TV on. Add other pollutants by driving SUV’s everywhere. Don’t car pool! These things will cause a blanket of carbon dioxide to form over the Earth, making it warm up.